REMARKS

Favorable reconsideration is respectfully requested.

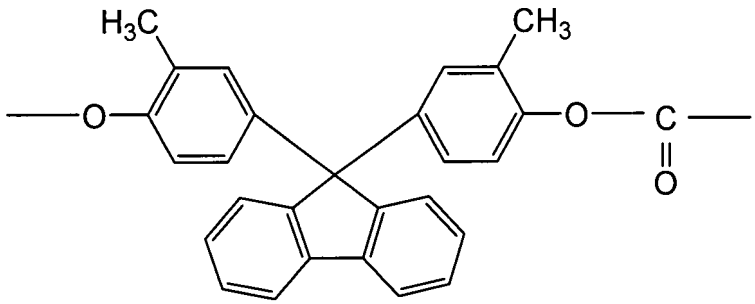
The claims are 3 to 27 and 29 to 36.

Claims 3-36 have been rejected under 35 U.S.C. 103(a) as being unpatentable over JP 2001-55436 and further in view of U.S. 5,303,834.

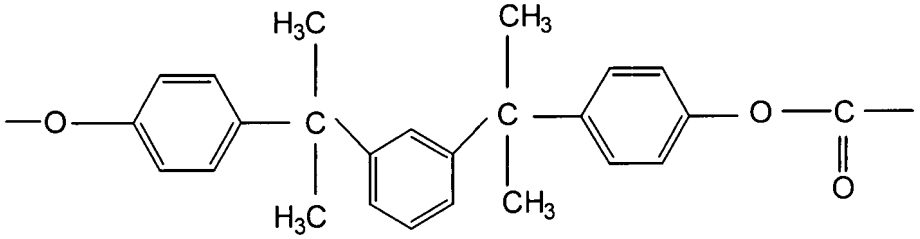
This rejection is respectfully traversed.

1. JP 2001-55436

JP 2001-55436 discloses a material for an optical recording media comprising a polycarbonate copolymer consisting of the following unit of (I) and (II-2).



(I)



(II-2)

The recurring unit (I) is derived from of BCF i.e. 9,9-bis(4-hydroxy-3-methylphenyl) fluorine. The recurring unit (II-2) is derived from of BPM i.e. 4,4'-(m-phenylenediisopropylidene)diphenol. Thus, the structure of the polycarbonate is essentially the same as the present invention.

JP 2001-55436 only discloses a compact disk (CD), a laser disc, an optical card and an MO disk as an optical recording media (paragraph 0001).

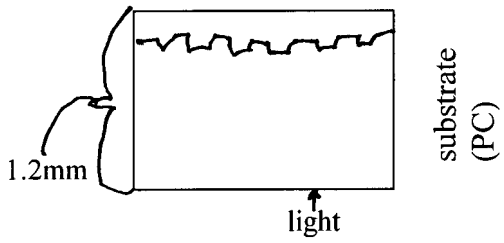
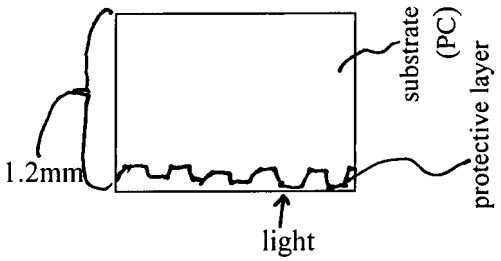
These disks reproduce recorded data by irradiating the disk with a light beam from the substrate side.

On the contrary, the present invention is directed to the optical disk that reproduces recorded data by irradiating the disk with a light beam from the transparent protective layer side such as a Blu-ray Disc as specified in claim 13.

Please note that the data is read through the substrate in a CD. However, the data is read through the protective layer in a Blu-ray Disc. Accordingly, the birefringence of substrate is not important for a Blu-ray Disc in comparison with CD as described in JP 2001-55436 (paragraph 0003).

JP 2001-55436 is silent about Blu-ray Discs. JP 2001-55436 is silent about the properties required for the substrate of Blu-ray Disc i.e. (A) a flexural modulus of 2,800 to 4,000 MPa, (B) a water absorption of 0.3 wt% or lower upon reaching saturation, (C) a tanδ measured at 40°C and 18 Hz in accordance with ISO 6721-4 of at least 0.020, and (D) a deflection temperature under load measured under a load of 1.81 MPa in accordance with ISO 75-1, -2 of 110°C or higher as specified in claim 13.

Wavelength and track pitch for Blu-ray Discs are smaller than for those of CDs. To read small and elaborate recorded data, the above properties are important for Blu-ray Discs. However, JP 2001-55436 is silent about these properties.

	CD	Blu-ray Disc
Cross-sectional view		
Wavelength	λ = 780 nm	λ = 405 nm
Track pitch	1.6 μm	0.32 μm

2. Kohn (U.S. 5,303,824)

U.S. 5,303,824 discloses a clear solder-preform holder which is irrelevant to the present invention. U.S. 5,303,824 does not disclose or suggest a polycarbonate version of the above unit of (I) and (II-2).

With regard to the tray of claim 32, it contains a carbon based filler. See claim 29 on which claim 32 depends. Thus, the tray of claim 32 is not clear.

Accordingly, the rejection on prior art is untenable and should be withdrawn.

No further issues remaining, allowance of this application is respectfully requested.

If the Examiner has any comments or proposals for expediting prosecution, please contact undersigned at the telephone number below.

Respectfully submitted,

Koki IKEDA et al.

By:_____
Matthew M. Jacob
Registration No. 25,154
Attorney for Applicants

MJ/aas
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
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